

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	37320	"623"\$.clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 18:15
L14	272	L13 and (band with (barb or hook))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 18:15
L15	14	L13 and (band with (lateral\$3) with (barb or hook))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 18:16
L16	1	L13 and (edge same (microbarb or microhook))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 18:20
L17	17	L13 and ((microbarb or microhook))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 18:21
L18	12	(valve or leaflet) same (microbarb or microhook)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 18:24
L19	150	(valve or leaflet) same (later\$3 same barb)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 18:25
L20	43	(valve or leaflet) same (later\$3 with barb)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 18:25
L21	1	("6629534").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/16 18:28
L22	1	("6752813").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/16 18:29
L23	1	("20090157169").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/07/16 19:11
L24	891	13 and (barb same (diameter or millimeter or mm or inch or thickness))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:05
L25	297	13 and (barb with (diameter or millimeter or mm or inch or thickness))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:05

L26	260	13 and (barb with (diameter or millimeter or inch or thickness))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:06
L27	207	13 and (barb with (diameter or millimeter or inch))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:06
L28	186	13 and (barb with (diameter or inch))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:07
L29	81	13 and (barb with (diameter or inch)) and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:07
L30	74	13 and (barb with (mm or millimeter or inch)) and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:08
L31	1	13 and (barb with (thickness) with (mm or millimeter or inch)) and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:11
L32	0	13 and (barb with (width) with (mm or millimeter or inch)) and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:12
L33	2	13 and (barb with (diameter) with (mm or millimeter or inch)) and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:12
L34	74	13 and (barb same (diameter) with (mm or millimeter or inch)) and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/16 20:12
S1	36	("20010011187"   "20010039450"   "20020123800"   "20020138138"   "20020169456"   "20020188348"   "20030036795"   "20030130726"   "20030191525"   "20030208261"   "20040015230"   "20040049262"   "20040193253"   "4218782"   "4902508"   "5156620"   "5411552"   "5554389"   "5607465"   "5855601"   "5993844"   "6099567"   "6110201"   "6126686"   "6168614"   "6200336"   "6206931"   "6254636"   "6287334"   "6299637"   "6364905"   "6485723"   "6508833"   "6582462"   "6716241"   "6752828").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:33
S2	18	stentless with graft	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:48
S3	380	stentless with valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:48
S4	322	S3 and "623".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:48

S5	34623	"623"\$.clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:48
S6	322	S5 and stentless with valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:49
S7	322	S5 and (stentless with valve)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:49
S8	0	S5 and (stentless with valvesame leaflet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:51
S9	204	S5 and (stentless with valve same leaflet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:51
S10	116	S5 and (stentless with valve with leaflet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/28 23:51
S11	36	("20010011187"   "20010039450"   "20020123800"   "20020138138"   "20020169456"   "20020188348"   "20030036795"   "20030130726"   "20030191525"   "20030208261"   "20040015230"   "20040049262"   "20040193253"   "4218782"   "4902508"   "5156620"   "5411552"   "5554389"   "5607465"   "5855601"   "5993844"   "6099567"   "6110201"   "6126686"   "6168614"   "6200336"   "6206931"   "6254636"   "6287334"   "6299637"   "6364905"   "6485723"   "6508833"   "6582462"   "6716241"   "6752828").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 15:53
S12	1055	(623/1.24,1.32,1.36,2.12,2.13,2.16).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 16:36
S13	120	S12 and (valve same (stentless or frameless))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 16:37
S14	43	S12 and (valve same (stentless or frameless) same flexible)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 16:37
S15	812	(623/1.24,1.32,1.36).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 16:59
S16	9	S15 and (valve same (stentless or frameless) same flexible)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 16:59
S17	21	S15 and (valve same (reinforce\$3 with edge))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 17:07

S18	1	("6890354").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/13 17:15
S19	209	blanco-J\$.xa.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:25
S20	56	S19 and (valve)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:26
S21	11	"7081131"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:33
S22	297	("20010021872"   "20010039450"   "20020052651"   "20030023300"   "20030069635"   "20030069646"   "20030130726"   "20030130729"   "20030229394"   "20030229395"   "20030233142"   "20030236568"   "20030236569"   "20040002719"   "20040003819"   "20040010305"   "20040015230"   "20040015232"   "20040015233"   "20040019374"   "20040019377"   "20040019378"   "20040024447"   "20040024451"   "20040024452"   "20040030321"   "20040030381"   "20040030382"   "20040030405"   "20040034380"   "20040034411"   "20040039436"   "20040039442"   "20040039443"   "20040044350"   "20040044365"   "20040044403"   "20040049207"   "20040049211"   "20040049266"   "20040059351"   "20040059411"   "20040059412"   "20040060161"   "20040073301"   "20040073302"   "20040078072"   "20040078074"   "20040082910"   "20040082923"   "20040082991"   "20040087975"   "20040088045"   "20040088046"   "20040092858"   "20040093060"   "20040093070"   "20040093080"   "20040097979"   "20040098098"   "20040098112"   "20040102839"   "20040102840"   "20040102842"   "20040106976"   "20040106990"   "20040106991"   "20040111096"   "20040117009"   "20040122448"   "20040122512"   "20040122513"   "20040122514"   "20040122515"   "20040122516"   "20040127979"   "20040127980"   "20040127981"   "20040127982"   "20040133220"   "20040133267"   "20040133273"   "20040138742"   "20040138743"   "20040138744"   "20040138745"   "20040148018"   "20040148019"   "20040148020"   "20040153052"   "20040153146"   "20040153147"   "20040158321").PN. OR ("20040162610"   "20040167539"   "20040167620"   "20040172046"   "20040176839"   "20040176840"   "20040181238"   "20040186444"   "20040186558"   "20040186561"   "20040186563"   "20040186565"   "20040186566"   "20040193191"   "20040193253"   "20040193260"   "20040199155"   "20040199183"   "20040199191"   "20040204758"   "20040206363"   "20040210240"   "20040210301"   "20040210303"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:33

		"20040210304"   "20040210305"   "20040210306"   "20040210307"   "20040215333"   "20040215339"   "20040220654"   "20040220657"   "20040225322"   "20040225344"   "20040225348"   "20040225352"   "20040225353"   "20040225354"   "20040225355"   "20040225356"   "20040230117"   "20040230297"   "20040236411"   "20040236418"   "20040236419"   "20040243153"   "20040243219"   "20040243227"   "20040243228"   "20040243230"   "20040249452"   "20040254600"   "20040254636"   "20040260276"   "20040260317"   "20040260322"   "20040260389"   "20040260390"   "20040260393"   "20040260394"   "20040267357"   "20050004583"   "20050004667"   "20050010285"   "20050010287"   "20050015112"   "20050021056"   "20050021136"   "20050027261"   "20050027348"   "20050027351"   "20050027353"   "20050033398"   "20050033419"   "20050033446"   "20050038506"   "20050038507"   "20050043790"   "20050043792"   "3859392"   "3903548"   "4218782"   "4406022"   "4580568"   "4643732"   "4851001"   "4863467"   "5024232"   "5032128"   "5080668"   "5147389"   "5156619"   "5163953"   "5358518"   "5360401"   "5413599"   "5476471"   "5607465").PN. OR ("5609598"   "5769780"   "5810847"   "5855601"   "5919224"   "6015431"   "6027525"   "6110201"   "6126686"   "6162245"   "6168614"   "6168619"   "6200336"   "6241763"   "6287334"   "6299637"   "6315793"   "6319281"   "6328727"   "6334873"   "6440164"   "6458153"   "6503272"   "6508833"   "6572652"   "6602286"   "6666885"   "6666886"   "6669725"   "6673109"   "6676698"   "6676702"   "6682558"   "6682559"   "6685739"   "6692512"   "6695866"   "6695878"   "6709456"   "6709457"   "6716241"   "6716244"   "6719767"   "6719784"   "6719786"   "6719787"   "6719788"   "6719789"   "6719790"   "6723038"   "6723122"   "6723123"   "6726715"   "6726716"   "6726717"   "6730118"   "6730121"   "6730122"   "6736845"   "6736846"   "6749630"   "6752813"   "6752828"   "6755857"   "6761734"   "6761735"   "6764494"   "6764508"   "6764509"   "6764510"   "6767362"   "6769434"   "6770083"   "6780200"   "6786924"   "6786925"   "6790229"   "6790230"   "6790231"   "6793673"   "6797000"   "6797001"   "6797002"   "6802860"   "6805710"   "6805711"   "6810882"   "6821297"   "6824562"   "6830584"   "6830585"   "6837902"   "6840246"   "6840957"   "6846324"   "6846325"   "6858039").PN. OR ("7081131").URPN.				
S23	0	sweet-t\$.xa and sweet-t\$.pn.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:36
S24	0	sweet-t\$.xa or sweet-t\$.pn.	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:36
S25	0	sweet-t\$.xa and (valve and vein)	US- PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:36

S26	16	sweet-t\$.xa. and (valve and vein)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:36
S27	0	sweet-t\$.pn. and (valve and vein)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:37
S28	0	sweet-t\$.pa. and (valve and vein)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 18:37
S29	1	("7452371").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 10:48
S30	1	("6200336").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/01/14 10:49

**EAST Search History (Interference)**

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**7/ 16/ 2010 8:37:00 PM****C:\ Documents and Settings\ ysharma\ My Documents\ EAST\ Workspaces\ 10551399- percutaneously deployed vascular valve.wsp**